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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Applicant: Lygas) Art Unit: 2682
Serial No.: 10/020,566) Examiner: Milord
Filed: December 14, 2001) 50L2056.01
For: METHOD AND APPARATUS FOR ALERTING OPERATOR OF CELLULAR OR PORTABLE TELEPHONE OF INCOMING CALL) October 18, 2004 750 B STREET, Suite 3120 San Diego, CA 92101)

RESPONSE TO OFFICE ACTION

Commissioner of Patents and Trademarks
Washington, DC 20231

Dear Sir:

In response to the Office Action dated September 29, 2004, please correct an informality by amending page 8 of the above-captioned patent application as follows.

1168-142.AMD

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generator 280 is also connected to ground 240. Finally, second concentric element 130 is also connected to ground 240 via a line 244.

Therefore, in accordance with the invention, indication generator 200, each of first and second concentric elements 120 and 130 are respectively driven at frequencies F_1 and F_2 . In a preferred embodiment, frequencies F_1 and F_2 are set to high frequencies and also differ by approximately between 10 and 100 cycles. The drivers for concentric elements 120 and 130 are of the switched type, and feed a tuned series circuit which may be tuned by the adjustment of frequency generators 230 and 280. Additionally, frequency generators 230 and 280 may be preferably digitally controlled, and current limited to insure the accuracy, and safety of the apparatus.

During use, when an incoming telephone call is received, cellular phone (not shown) indicates the receipt of such a call to each of frequency generators 230 and 280. These frequency generators generate signals at frequencies F_1 and F_2 , respectively, which are predetermined frequencies. Upon generation of each of frequencies F_1 and F_2 , first concentric element 120 generates field 125, while second concentric element 130 generates field 135. A high intensity area 140 is generated at the frequency difference F_1-F_2 of fields 125 and 135. If this high intensity area is brought into contact with a user's skin, a vibrational sensation will be generated in the user's tissue, and the user will be made aware of the incoming telephone call.

As noted above, since direct contact between the user and the indicator apparatus is not required, the apparatus can be designed to penetrate any number of layers of clothing or the like, and to alert a user from any particular distance. Additionally, since the sensation is directional in accordance with the fields

1168-142.AMD

FROM ROGITZ 619 338 8078

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generated from each of the concentric elements[.]. [O]only the intended recipient of the indication will be notified of the incoming

1162-142.AMD

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